

*The finest
money can buy*

Guarantee

Bonney C-V (Chrome-Vanadium)
Wrenches are guaranteed
to strip the thread or break
the bolt without damage to
the wrench.
We will replace, free of
charge, any Bonney C-V
wrench that does not live
up to this guarantee.

BONNEY
Chrome  Vanadium
WRENCHES
PATENTS PENDING



*What kind
of wrenches
are you
using?*

BONNEY WRENCHES
Chrome  Vanadium

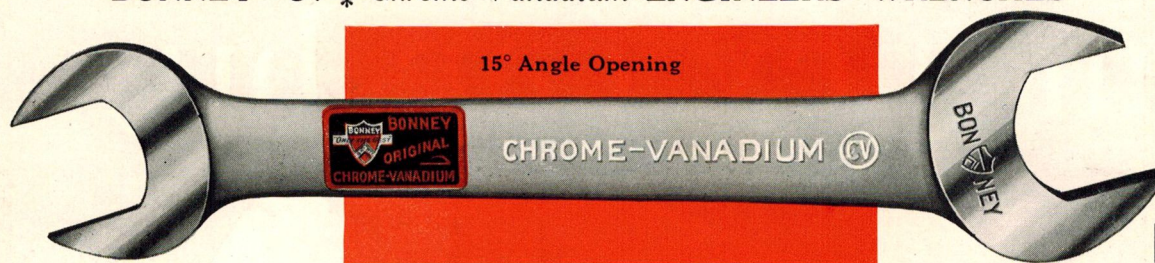
BONNEY FORGE & TOOL WORKS, Allentown, Pa.

Recommended by *all* the leading car
manufacturers



BONNEY FORGE & TOOL WORKS *Allentown, Pa.*

BONNEY 'CV' * *Chrome Vanadium* ENGINEERS' WRENCHES



Bonney 'CV' * *Chrome Vanadium* Engineers' Wrenches are thinner, longer, and stronger than Carbon Steel Wrenches of the same opening. The use of this alloy steel allows refinement of design both in shape and thickness of head. The thin, pear-shaped head made possible by the use of alloy steel makes this line of wrenches lighter, better balanced, and more serviceable in confined places, with unbreakable strength. Finished in nickel with buffed heads. Rigidly inspected, tested and guaranteed.

No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Openings Milled	Ex-treme Length	Thick-ness of Head	Price Each
1020	& 1/8	& 1/8		1/4 & 5/16	3	5/32	\$0.50
1721	1/8 & 3/16	1/8 & 3/16	1/4	5/16 & 3/8	3 7/8	3/16	.55
1021	1/8 & 3/16	1/8 & 3/16		5/16 & 13/32	3 7/8	3/16	
1722	1/8 & 1/4	1/8 & 1/4	& 1/4	5/16 & 7/16	4 1/2	7/32	.65
1022	1/8 & 1/4	1/8 & 5/16	& 5/16	5/16 & 1/2	4 1/2	7/32	
1723	3/16 & 1/4	3/16 & 1/4	& 1/4	3/8 & 7/16	4 1/2	7/32	
1023	3/16 & 1/4	3/16 & 5/16	& 5/16	13/32 & 1/2	4 1/2	7/32	
1723A	3/16 & 5/16	3/16 & 5/16	& 5/16	3/8 & 1/2	4 1/2	7/32	
1724	3/16 & 5/16	3/16 & 3/8	& 3/8	3/8 & 9/16	5 1/2	15/64	.80
1024	3/16 & 5/16	3/16 & 5/16		13/32 & 19/32	5 1/2	15/64	
1725	& 1/4	1/4 & 5/16	1/4 & 5/16	7/16 & 1/2	5 1/2	15/64	
1725A	1/4 & 5/16	1/4 & 3/8	1/4 & 3/8	7/16 & 9/16	5 1/2	15/64	
1725B	1/4 & 5/16	5/16 & 3/8	5/16 & 3/8	1/2 & 9/16	5 1/2	15/64	
1025	1/4 & 5/16	5/16 & 3/8	5/16 & 3/8	1/2 & 19/32	5 1/2	15/64	
1726	1/4 & 3/8	5/16 & 7/16	5/16 & 7/16	1/2 & 5/8	6 1/2	9/32	.95
1026	1/4 & 3/8	5/16 & 7/16	5/16 & 7/16	1/2 & 11/16	6 1/2	9/32	
1727	5/16 & 3/8	3/8 & 7/16	3/8 & 7/16	9/16 & 5/8	6 1/2	9/32	
1027	5/16 & 3/8	3/8 & 7/16	3/8 & 7/16	19/32 & 11/16	6 1/2	9/32	
1027C	5/16 & 3/8	3/8 & 7/16	3/8 & 7/16	9/16 & 11/16	6 1/2	9/32	
1028	5/16 & 7/16	3/8 & 1/2	3/8 & 1/2	19/32 & 25/32	7 1/2	5/16	1.20
1728	& 7/16	7/16 & 1/2	7/16 & 1/2	9/16 & 3/4	7 1/2	5/16	
1028S	& 7/16	7/16 & 1/2	7/16 & 1/2	5/8 & 25/32	7 1/2	5/16	
1729	3/8 & 7/16	7/16 & 1/2	7/16 & 1/2	5/8 & 3/4	7 1/2	5/16	
1029	3/8 & 7/16	7/16 & 1/2	7/16 & 1/2	11/16 & 25/32	7 1/2	5/16	
1730	3/8 & 1/2	7/16 & 9/16	7/16 & 9/16	5/8 & 13/16	8 1/2	11/32	1.45
1030	3/8 & 1/2	7/16 & 9/16	7/16 & 9/16	11/16 & 7/8	8 1/2	11/32	
1731	& 1/2	1/2 & 5/8	1/2 & 5/8	3/4 & 13/16	8 1/2	11/32	
1731A	& 1/2	1/2 & 5/8	1/2 & 5/8	3/4 & 7/8	8 1/2	11/32	
1031	7/16 & 1/2	9/16 & 5/8	9/16 & 5/8	25/32 & 7/8	8 1/2	11/32	
1731B	7/16 & 1/2	9/16 & 5/8	9/16 & 5/8	13/16 & 7/8	8 1/2	11/32	
1732	7/16 & 9/16	1/2 & 3/4	1/2 & 11/16	3/4 & 1	9 1/2	13/32	1.80
1032	7/16 & 9/16	1/2 & 3/4	1/2 & 11/16	25/32 & 31/32	9 1/2	13/32	
1732A	9/16 & 3/4	3/4 & 1	3/4 & 1	13/16 & 1	9 1/2	13/32	
1033A	1/2 & 9/16	5/8 & 3/4	5/8 & 3/4	7/8 & 15/16	9 1/2	13/32	
1033	1/2 & 9/16	5/8 & 3/4	5/8 & 3/4	7/8 & 31/32	9 1/2	13/32	
1733	1/2 & 9/16	5/8 & 3/4	5/8 & 3/4	7/8 & 1	9 1/2	13/32	
1033C	1/2 & 5/8	5/8 & 7/8	5/8 & 7/8	15/16 & 1	9 1/2	13/32	2.15
1034	1/2 & 5/8	5/8 & 7/8	5/8 & 7/8	7/8 & 1 1/16	10 1/2	15/32	
1734	1/2 & 5/8	5/8 & 7/8	5/8 & 7/8	7/8 & 1 1/8	10 1/2	15/32	
1034A	9/16 & 5/8	5/8 & 7/8	5/8 & 7/8	15/16 & 1 1/16	10 1/2	15/32	
1035	9/16 & 5/8	5/8 & 7/8	5/8 & 7/8	31/32 & 1 1/16	10 1/2	15/32	
1735	3/4 & 7/8	3/4 & 1	3/4 & 1	1 & 1 1/8	12	17/32	3.00
1036	9/16 & 3/4	3/4 & 1	3/4 & 1	31/32 & 1 1/4	12	17/32	
1736	5/8 & 3/4	3/4 & 1	3/4 & 1	1 & 1 1/4	12	17/32	
1037	5/8 & 3/4	3/4 & 1	3/4 & 1	1 1/16 & 1 1/4	12	17/32	
1737	5/8 & 3/4	3/4 & 1	3/4 & 1	1 1/8 & 1 1/4	12	17/32	
1038	5/8 & 7/8	7/8 & 1 1/8	7/8 & 1 1/8	1 1/16 & 1 7/16	13 1/2	11/16	4.45
1738	7/8 & 1 1/8	7/8 & 1 1/8	7/8 & 1 1/8	1 1/8 & 1 3/8	13 1/2	11/16	
1739	3/4 & 7/8	1 & 1 1/8	1 & 1 1/8	1 1/4 & 1 3/8	13 1/2	11/16	
1039	3/4 & 7/8	1 & 1 1/8	1 & 1 1/8	1 1/4 & 1 7/8	13 1/2	11/16	
1739A	3/4 & 7/8	1 & 1 1/4	1 & 1 1/4	1 1/4 & 1 1/2	13 1/2	11/16	
1739B	3/4 & 7/8	1 1/8 & 1 1/4	1 1/8 & 1 1/4	1 3/8 & 1 1/2	13 1/2	11/16	
1040	3/4 & 1	1 & 1 3/8	1 & 1 3/8	1 1/4 & 1 5/8	15 1/2	13/16	6.00
1041	7/8 & 1	1 & 1 3/8	1 & 1 3/8	1 7/8 & 1 5/8	15 1/2	13/16	

*C.V. is a Bonney trademark registered in the U. S. Patent Office. Chrome Vanadium registered August 11th, 1925.

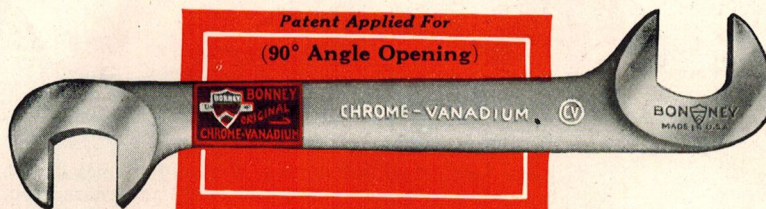
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Every one of these Bonney 'CV' Engineer Wrenches is guaranteed to strip the thread of any U.S.S. or S.A.E. nut or break the bolt before the jaws will spread.

BONNEY
Chrome Vanadium
WRENCHES



BONNEY 'CV' * Chrome Vanadium RIGHT-ANGLE WRENCHES



No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Open- ings Milled	Ex- treme Length	Thick- ness of Head	Price Each
2722	1/8 &	1/8 & 1/4	& 1/4	5/16 & 7/16	4 1/2	7/32	\$0.65
2022	1/8 & 1/4	1/8 & 5/16	& 1/4	5/16 & 1/2	4 1/2	7/32	
2723		3/16 & 1/4	& 1/4	3/8 & 7/16	4 1/2	7/32	
2023	3/16 & 1/4	3/16 & 5/16	& 5/16	13/32 & 1/2	4 1/2	7/32	
2723A		3/16 & 5/16	& 5/16	3/8 & 1/2	4 1/2	7/32	
2724		3/16 & 5/16	& 3/8	3/8 & 9/16	5 1/2	15/64	.80
2024	3/16 & 5/16	1/4 & 5/16	1/4 & 5/16	13/32 & 19/32	5 1/2	15/64	
2725	3/16 & 5/16	1/4 & 5/16	1/4 & 5/16	7/16 & 1/2	5 1/2	15/64	
2725A		1/4 & 5/16	1/4 & 3/8	7/16 & 9/16	5 1/2	15/64	
2725B		1/4 & 5/16	5/16 & 3/8	1/2 & 9/16	5 1/2	15/64	
2025	1/4 & 5/16	5/16 & 7/16	5/16 & 7/16	1/2 & 19/32	5 1/2	15/64	.95
2726	1/4 & 5/16	5/16 & 7/16	5/16 & 7/16	1/2 & 5/8	6 1/2	9/32	
2026	1/4 & 3/8	5/16 & 7/16	5/16 & 7/16	1/2 & 11/16	6 1/2	9/32	
2727		3/8 & 7/16	3/8 & 7/16	9/16 & 5/8	6 1/2	9/32	
2027	5/16 & 3/8	3/8 & 7/16	3/8 & 7/16	9/16 & 11/16	6 1/2	9/32	
2027C		3/8 & 7/16	3/8 & 7/16	9/16 & 11/16	6 1/2	9/32	1.20
2028	5/16 & 7/16	3/8 & 7/16	3/8 & 7/16	19/32 & 25/32	7 1/2	5/16	
2728		3/8 & 1/2	3/8 & 1/2	9/16 & 3/4	7 1/2	5/16	
2028S		7/16 & 1/2	7/16 & 1/2	5/8 & 25/32	7 1/2	5/16	
2729		7/16 & 1/2	7/16 & 1/2	5/8 & 3/4	7 1/2	5/16	
2029	3/8 & 7/16	7/16 & 1/2	7/16 & 1/2	11/16 & 25/32	7 1/2	5/16	1.45
2730		7/16 & 9/16	7/16 & 9/16	5/8 & 13/16	8 1/2	11/32	
2030	3/8 & 1/2	7/16 & 9/16	7/16 & 9/16	11/16 & 7/8	8 1/2	11/32	
2731		1/2 & 9/16	1/2 & 9/16	3/4 & 13/16	8 1/2	11/32	
2731A		1/2 & 5/8	1/2 & 5/8	3/4 & 7/8	8 1/2	11/32	
2031	7/16 & 1/2	1/2 & 5/8	1/2 & 5/8	25/32 & 7/8	8 1/2	11/32	1.45
2731B	7/16 & 1/2	9/16 & 5/8	9/16 & 5/8	13/16 & 7/8	8 1/2	11/32	

Bonney 'CV' * Chrome Vanadium Right Angle Wrenches are designed for work in close quarters where it is impossible to use a 15° or 22 1/2° opening wrench. Such places are found in work on brakes, manifolds, cylinder-heads, etc. The heads are pear shaped as in the Engineering type of 'CV' * Wrench and the handles are shaped to give the operator a comfortable grip. Finished in nickel with buffed heads. Rigidly inspected, tested, and guaranteed.



BONNEY 'CV' * Chrome Vanadium RIGHT-ANGLE WRENCH SET No. 40

Patent Applied For

FIVE WRENCHES—Packed Two Ways

Price

In Cardboard Box **\$5.05**

In Leatherette Roll **6.00**

THIS Set contains one each of the following 'CV' * Chrome Vanadium Right Angle Wrenches: Nos. 2723, 2025, 2027C, 2028S, 2731A.

No duplicate openings. Will fit U. S. Standard Nuts 1/4, 5/16, 3/8, 7/16, 1/2. S. A. E. Nuts 1/4, 5/16, 3/8, 7/16, 1/2. 5/16. Hex. Cap Screws 3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 5/8.

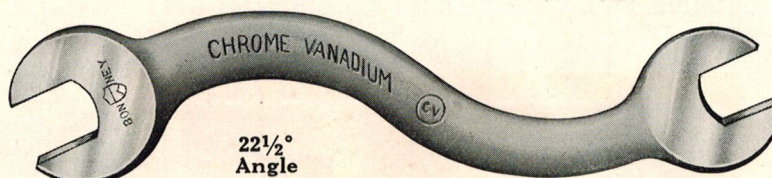
*C.V. is a Bonney trade-mark registered in the U. S. Patent Office. Chrome Vanadium registered August 11th, 1925.





BONNEY FORGE & TOOL WORKS *Allentown, Pa.*

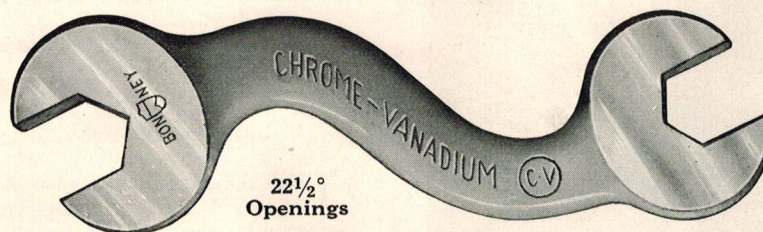
BONNEY 'CV' * Chrome Vanadium "S" WRENCHES



Long, light, thin and strong. Finished in nickel with buffed heads. Rigidly inspected, tested and guaranteed.

No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Open- ings Milled	Ex- treme Length	Thick- ness of Head	Price Each
1075C	& 1/8	& 1/8		1/4 & 5/16	6 1/4	1/4	\$0.85
1075B		3/16 & 1/4	& 1/4	3/8 & 7/16	6 1/4	1/4	
1075A		3/16 & 5/16	& 5/16	3/8 & 1/2	6 1/4	1/4	
1075	3/16 & 1/4	1/4 & 5/16	1/4 & 5/16	13/32 & 1/2	6 1/4	1/4	
1077S	& 1/4	1/4 & 5/16	1/4 & 5/16	7/16 & 1/2	7 1/8	9/32	1.10
1077C		1/4 & 3/8	3/8 & 3/8	7/16 & 9/16	7 1/8	9/32	
1077B	1/4 & 5/16	5/16 & 3/8	5/16 & 3/8	1/2 & 9/16	7 1/8	9/32	
1077A	1/4 & 5/16	5/16 & 3/8	5/16 & 3/8	1/2 & 19/32	7 1/8	9/32	
1077	1/4 & 5/16	5/16 & 7/16	5/16 & 7/16	1/2 & 5/8	7 1/8	9/32	1.35
1079F		5/16 & 1/2	5/16 & 1/2	1/2 & 3/4	8 1/4	5/16	
1079B	& 5/16	3/8 & 7/16	3/8 & 7/16	9/16 & 19/32	8 1/4	5/16	
1079S		3/8 & 7/16	3/8 & 7/16	9/16 & 5/8	8 1/4	5/16	
1079A	& 3/8	3/8 & 1/2	3/8 & 1/2	9/16 & 11/16	8 1/4	5/16	1.75
1079E		3/8 & 1/2	3/8 & 1/2	9/16 & 3/4	8 1/4	5/16	
1079D	5/16 & 3/8	7/16 & 1/2	7/16 & 1/2	19/32 & 11/16	8 1/4	5/16	
1079	& 3/8	7/16 & 1/2	7/16 & 1/2	5/8 & 11/16	8 1/4	5/16	
1079C		7/16 & 1/2	7/16 & 1/2	5/8 & 3/4	8 1/4	5/16	2.25
1081E	& 1/2	7/16 & 5/8	7/16 & 5/8	5/8 & 7/8	9 1/4	3/8	
1081C	3/8 & 1/2	3/8 & 1/2	3/8 & 1/2	11/16 & 3/4	9 1/4	3/8	
1081	3/8 & 1/2	1/2 & 9/16	1/2 & 9/16	11/16 & 27/32	9 1/4	3/8	
1081B		1/2 & 5/8	1/2 & 5/8	3/4 & 13/16	9 1/4	3/8	3.20
1081A	& 1/2	1/2 & 5/8	1/2 & 5/8	3/4 & 7/8	9 1/4	3/8	
1081D	7/16 & 1/2	9/16 & 5/8	9/16 & 5/8	25/32 & 7/8	10 3/8	7/16	
1083F	1/2 & 5/8	5/8 & 3/4	5/8 & 3/4	13/16 & 7/8	10 3/8	7/16	
1083D	1/2 & 5/8	5/8 & 3/4	5/8 & 3/4	7/8 & 15/16	10 3/8	7/16	3.20
1083E		1/2 & 3/4	1/2 & 3/4	3/4 & 1	10 3/8	7/16	
1083B	1/2 & 5/8	5/8 & 3/4	5/8 & 3/4	7/8 & 1	10 3/8	7/16	
1083C	1/2 & 5/8	5/8 & 3/4	5/8 & 3/4	7/8 & 1 1/16	10 3/8	7/16	
1083A		3/4 & 1	3/4 & 1	15/16 & 1	10 3/8	7/16	3.20
1085		3/4 & 1	3/4 & 1	1 1/16 & 1 1/8	12	1 1/2	
1085A	& 3/4	3/4 & 1	3/4 & 1	1 & 1 1/4	12	1 1/2	
1085C	5/8 & 3/4	7/8 & 1	7/8 & 1	1 1/16 & 1 1/4	12	1 1/2	
1085B	& 3/4	7/8 & 1	7/8 & 1	1 1/8 & 1 1/4	12	1 1/2	

BONNEY 'CV' * Chrome Vanadium SHORT "S" WRENCHES



A short wrench for heavy duty

No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Open- ings Milled	Ex- treme Length	Thick- ness of Head	Price Each
1070		3/16 & 1/4	& 1/4	3/8 & 7/16	4	1/4	\$0.70
1071	1/4 & 5/16	5/16 & 3/8	5/16 & 3/8	1/2 & 9/16	5	5/16	.90
1072		1/2 & 9/16	1/2 & 9/16	3/4 & 13/16	6	3/8	1.25
1073	1/2 & 5/8	5/8 & 3/4	5/8 & 3/4	7/8 & 1	7	7/16	1.60

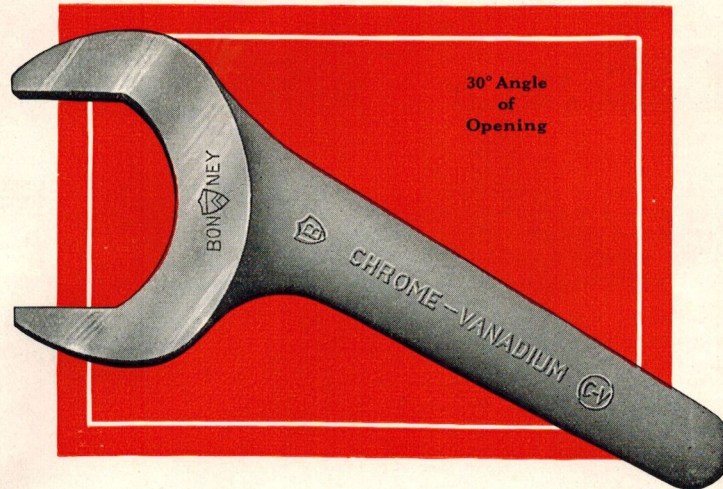
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BONNEY
Chrome Vanadium
WRENCHES

BONNEY 'CV' * Chrome Vanadium WATER PUMP PACKING NUT WRENCHES



One of the hardest adjustments on a water cooled motor is the water pump packing nut. This nut is usually of brass and very thin. It should be tightened only with a wrench and never with a drive punch and hammer. Wrenches to do this work must be very thin yet short to fit into the narrow space in which the pump is located. These wrenches are designed especially for this work and their use for other classes of work or with added leverage is not recommended.

No.	Milled Opening	Length	Thickness of Head	Price Each
1228	$\frac{1}{8}$	7	$\frac{1}{4}$	\$1.75
1230	$\frac{1}{8}$	7	$\frac{1}{4}$	
1232	1	7	$\frac{1}{4}$	
1232A	$\frac{1}{8}$	7	$\frac{1}{4}$	
1234	$\frac{1}{8}$	7	$\frac{1}{4}$	
1236	$\frac{1}{8}$	7	$\frac{1}{4}$	
1238	$\frac{1}{8}$	7	$\frac{1}{4}$	
1240	$\frac{1}{8}$	7	$\frac{1}{4}$	
1242	$\frac{1}{8}$	$7\frac{3}{4}$	$\frac{3}{8}$	
1244	$\frac{1}{8}$	$7\frac{3}{4}$	$\frac{3}{8}$	
1246	$\frac{1}{8}$	$7\frac{3}{4}$	$\frac{3}{8}$	2.00
1248	$\frac{1}{8}$	$7\frac{3}{4}$	$\frac{3}{8}$	
1250	$\frac{1}{8}$	$7\frac{3}{4}$	$\frac{3}{8}$	
1252	$\frac{1}{8}$	$7\frac{3}{4}$	$\frac{3}{8}$	
1256	$\frac{1}{8}$	$8\frac{1}{2}$	$\frac{3}{8}$	
1260	$\frac{1}{8}$	$8\frac{1}{2}$	$\frac{3}{8}$	
1264	2	$8\frac{1}{2}$	$\frac{3}{8}$	
1266	$2\frac{1}{8}$	$8\frac{1}{2}$	$\frac{3}{8}$	
1272	$2\frac{1}{4}$	$8\frac{1}{2}$	$\frac{3}{8}$	
1272	$2\frac{1}{4}$	$8\frac{1}{2}$	$\frac{3}{8}$	2.50

WRENCHES NEEDED FOR WATER PUMP PACKING NUT ADJUSTMENT

WRENCH No.	1232	1232A	1234	1240	1242	1246	1248	1250	1252	1256	1260	1264	1272
Anderson 41.....					1								
" 50.....					1								
Auburn 6-43.....					1								
Buick 4-1921.....			1										
" 6-1923.....								1					
" 6-1924.....										1			
" 6-1925.....											1		
Case X.....					1								
" Y.....					1								
Chandler.....					1								
Chevrolet.....					1								
Cleveland.....					1								
Columbia.....					1								
Cunningham.....					1								
Davis 71.....					1								
" 81.....					1								
Dodge.....					1								
" 1925.....					1								
Durant.....					1								
Elcar 6-50.....					1								
" 6-60.....					1								
Flint.....					1								
Hanson.....					1								
Hudson.....					1								
" 1926.....					1								
Jewett.....					1								
Jordan 6.....					1								
" C-B-F.....					1								
" 8.....					1								
Kissell.....					1								
Locomotive.....					1								
Moon.....					1								
" 6-58.....					1								
Nash 81.....					1								
" 91.....					1								
" Light 6.....					1								
Oakland.....					1								
Oldsmobile.....					1								
Packard 6.....					1								
" 8.....					1								
Paige 6-55.....					1								
" 66 and 70.....					1								
Paterson.....					1								
Premier.....					1								
Reo.....					1								
Rickenbacker.....					1								
Star.....					1								
Studebaker Light 6.....					1								
Westcott 48.....					1								
" 44.....					1								

No. 1228 is for Overland Whippet.
No. 1266 is for Ford Exhaust Packing Nut.

*C.V. is a Bonney trademark registered in the U. S. Patent Office.
Chrome Vanadium registered August 11th, 1925.

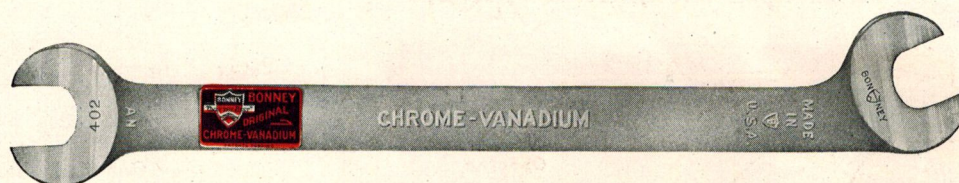
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BONNEY
Chrome Vanadium
WRENCHES



BONNEY FORGE & TOOL WORKS *Allentown, Pa.*

BONNEY 'CV' * *Chrome Vanadium* TAPPET WRENCHES



BONNEY 'CV' * *Chrome Vanadium* Tappet Wrenches are the result of many months' careful study and experimental work with expert mechanics. The proper length, 8 inches, allows you to work clear of your motor when it is hot (the only time for adjusting) and the angle of the heads allows you to reach around into inaccessible positions.

As most cars require three wrenches to make complete tappet adjustment, these wrenches are designed so that two can be worked like scissors with one hand while the third is used in the other hand. This is accomplished by having two openings, both the same size but at different angles, on each wrench. One opening is straight, the other at 22½ degrees.

Stock No.	Milled Opening	S. A. E. Standard Nuts Bolt Size	U. S. S. Nuts Bolt Size	Ex-treme Length	Thick-ness of Head	Price Each
401	3/8			8	5/32	\$1.50
401A	7/16	1/4		8	5/32	
402	1/2	5/16	1/4	8	5/32	
402A	17/32			8	5/32	
403	9/16	3/8		8	5/32	1.65
403A	19/32		5/16	8	5/32	
404	5/8	1/2		8	5/16	
404A	21/32			8	3/16	
405	11/16		3/8	8	3/16	1.85
406	3/4	1/2		8	7/32	
406A	25/32		1/2	8	7/32	
407	13/16			8	7/32	
407A	7/8	9/16	1/2	8	7/32	2.00
408	15/16	5/8		8	7/32	
408A	31/32		9/16	8	7/32	
409	1	11/16		8	7/32	

You can order separately such wrenches as you need or in sets of your own selection, or in set No. 412 shown on another page.

BONNEY 'CV' * *Chrome Vanadium* TAPPET WRENCH SET No. 412

This set consists of two (2) each Nos. 402, 403, 404 and 405 "Bonney" 'CV' * *Chrome Vanadium* Valve Tappet Wrenches.

This set will take care of the adjustment of Valve Tappets on 70 per cent of the passenger cars and trucks.



CHART OF WRENCHES TO BE USED ON THE ADJUSTMENT OF TAPPETS ON PASSENGER CARS

Sizes Needed for Trucks Furnished on Request

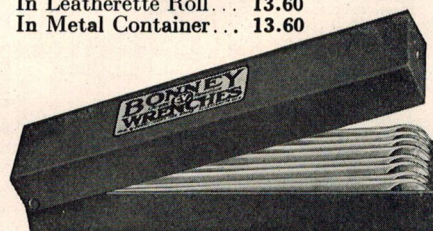
WRENCH No.	401A	402	402A	403	403A	404	405	406	406A	407	407A	408	408A	409
Apperson.....				1			2							
Auburn.....	2					1	1							
Briscoe.....				1										
Buick.....				3										
Cadillac.....								1						
Case.....	1							1						
Chalmers.....												1		
Chandler.....													1	
Chevrolet.....	1													
Chrysler 4.....	1													
Chrysler 6.....	1													
Cleveland.....														
Cole.....	1													
Crawford.....								2	1					
Cunningham.....				3										
Daniels.....														
Dodge.....	3											2		
Dort.....	1			1		1								
Dupont.....				1										
Durant.....	1													
Essex.....	1													
Flint.....						1	1			1				
Franklin.....				1		1	1							
Gardner 6 and 8.....				1										
Gray.....	3													
Haynes.....						1	1			1				
Hudson.....						1								
Hupmobile 4.....						1								
Hupmobile 6.....								2						
Jordan B-C-F.....														
Jewett.....														
King.....														
Lafayette.....														
Liberty.....														
Lincoln.....														
Maxwell.....														
Mercer.....														
Mitchell.....														
Monroe.....														
Moon.....														
Nash.....														
Nash Light 6.....														
Oakland.....														
Oldsmobile.....														
Overland 4.....														
Overland 6.....														
Packard 6.....														
Packard 8.....														
Packard 12.....														
Paige.....														
Pierce Arrow.....														
Premier.....														
Reo.....														
Rickenbacker.....														
Standard.....														
Star.....														
Stephens.....														
Studebaker.....														
Stutz.....														
Wills St. Claire.....														
Winton.....														

† Hupmobile 6 also requires one No. 404 A.

Packed Three Ways

Price

In Cardboard Box... \$12.60
In Leatherette Roll... 13.60
In Metal Container... 13.60



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**BONNEY 'CV' * Chrome Vanadium
ENGINEERS' WRENCH SET No. 25**



Packed Two Ways

Price

In Cardboard Box.....\$6.85
In Leatherette Roll.....7.85

This set contains one each of the following 'CV' * *Chrome Vanadium Engineers' Wrenches*: 1723, 1025, 1027C, 1028S, 1731A, 1033C. No duplicate openings. Will fit U. S. Standard Nuts $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$. S. A. E. Nuts $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{9}{16}$, $\frac{5}{8}$, $\frac{11}{16}$. Hex. Cap Screws $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{5}{8}$, $\frac{3}{4}$.

**BONNEY 'CV' * Chrome Vanadium
ENGINEERS' WRENCH KIT No. 1**

Three Bonney 'CV' * *Chrome Vanadium Double-End Engineers' Wrenches* for the six most popular S. A. E. Bolts, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, in a leatherette kit. Numbers 1723, 1725B, 1729.

The price, \$2.50, is less than the regular price of the three Wrenches if purchased individually, no charge being made for the leatherette kit.

This sample kit is offered at this price because we know that after a mechanic has used a few sizes of Bonney 'CV' * Wrenches he will want additional sizes.

No. 1 Sample Kit. Three Wrenches and leatherette kit; price each.....\$2.50



Sample Kit No. 1



Sample Kit No. 4

**BONNEY 'CV' * Chrome Vanadium
RIGHT-ANGLE WRENCH KIT No. 4**

Three Bonney 'CV' * *Chrome Vanadium Right-Angle Wrenches* for the six most popular S. A. E. bolts, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$, in a leatherette kit. Numbers 2723, 2725B, 2729.

Sold at a special introductory price of \$2.50, which is less than the price of the Wrenches if bought separately. No charge is made for the leatherette kit.

No. 4 Sample Kit. Three Wrenches and leatherette kit; price each.....\$2.50

All Bonney 'CV' * *Chrome Vanadium Wrenches* are Absolutely Guaranteed

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BONNEY FORGE & TOOL WORKS *Allentown, Pa.*

BONNEY 'CV' * *Chrome Vanadium* MINIATURE WRENCH SET No. 20

This set consists of five miniature Wrenches with openings running from $\frac{3}{16}$ " to $\frac{15}{32}$ ".

The Wrenches are made especially for delicate work around magnetos, timers, electrical parts, oil cleaners, carburetors, etc.

Any mechanic will find many uses for this handy little set. The Wrenches are all made of 'CV' * *Chrome Vanadium* Bonney guarantee.

Illustration is $\frac{2}{3}$ actual size.

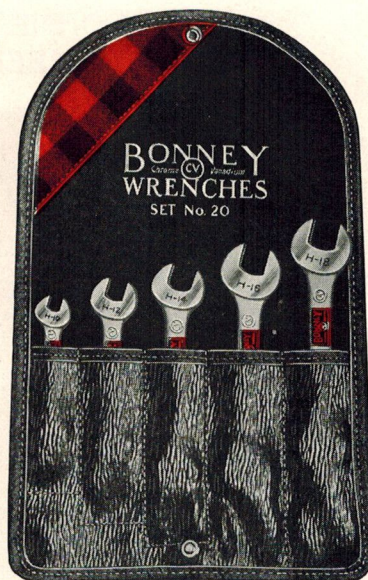
One each of the following:

No.	Milled Openings	Length	Thick-ness Heads	Price Each
H-10	$\frac{3}{16}$ & $\frac{7}{32}$	$2\frac{1}{2}$ "	$\frac{1}{8}$	\$0.50
H-12	$\frac{1}{4}$ & $\frac{9}{32}$	3"	$\frac{1}{8}$	.50
H-14	$\frac{5}{16}$ & $\frac{11}{32}$	$3\frac{3}{4}$ "	$\frac{3}{16}$	.55
H-16	$\frac{3}{8}$ & $\frac{1}{2}$	$4\frac{1}{4}$ "	$\frac{5}{32}$	.65
H-18	$\frac{13}{32}$ & $\frac{15}{32}$	$4\frac{1}{4}$ "	$\frac{5}{32}$	.65

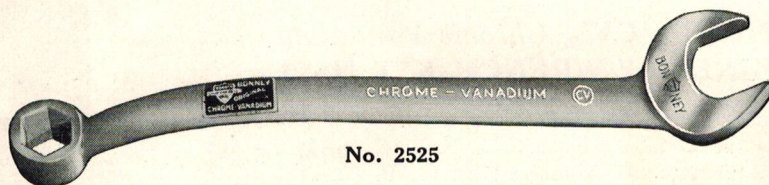
Per Set

One each of above in cardboard box.....\$2.85

One each of above in leatherette roll..... 3.35



BONNEY 'CV' * *Chrome Vanadium* CYLINDER HEAD AND SPARK PLUG WRENCH



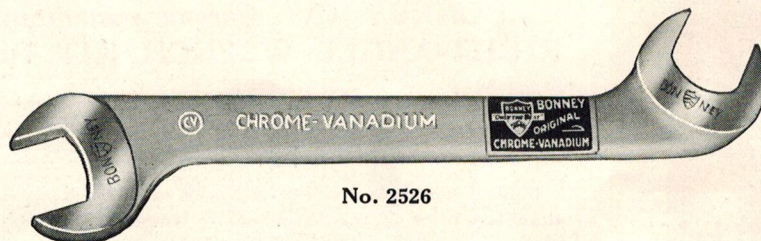
No. 2525

A specially designed Wrench with $\frac{5}{8}$ " hex. box opening for $\frac{1}{16}$ " S. A. E. on one end and $\frac{15}{16}$ " opening at 15° for $\frac{5}{8}$ " S. A. E.

Length overall $9\frac{3}{4}$ "—No. 2525—Price, \$1.00.

This Wrench will fit most of the nuts on a Ford Car

BONNEY 'CV' * *Chrome Vanadium* WRENCH FOR HYDRAULIC BRAKES



No. 2526

This Wrench is specially designed for turning the nuts on Hydraulic Brakes, no matter in what position they may be. The openings are $\frac{5}{8}$ ", for $\frac{1}{16}$ S. A. E. on both ends; one opening is at $22\frac{1}{2}^\circ$ angle and the other at 60° angle.

Length overall $6\frac{1}{4}$ "—No. 2526—Price, \$1.25.

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BONNEY 'CV' * Chrome Vanadium ENGINEERS' WRENCH ASSORTMENT No. 311

Bonney 'CV' * Assortment No. 311 contains three each of eleven of the most popular numbers of Chrome Vanadium Engineers' Wrenches. All wrenches are drop-forged from Chrome Vanadium Steel, properly heat treated and guaranteed.

Finished in nickel with buffed heads.

With each assortment a mahogany finished board with hooks, number plates, etc., is furnished free of charge. The board is of a convenient size, 25 $\frac{3}{4}$ inches long by 7 $\frac{1}{2}$ inches wide.

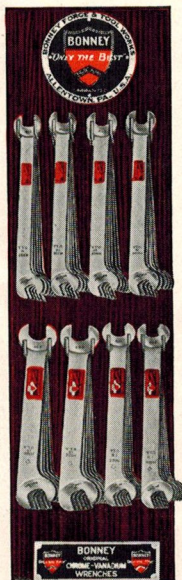
Assortment consists of three each of following 'CV' wrenches: 1723, 1023, 1723A, 1725, 1725B, 1025, 1727, 1027, 1027C, 1029 and 1731A.

The complete assortment is packed in a shipping container and weighs 10 pounds. It can be shipped by parcel post.

Price of Assortment, **\$29.55**



BONNEY 'CV' * Chrome Vanadium TAPPET WRENCH ASSORTMENTS No. 608 and 308



Bonney 'CV' * Assortment No. 608 contains six each of eight of the most popular numbers of Bonney Chrome Vanadium Valve Tappet Wrenches. All wrenches are drop-forged from Chrome Vanadium Steel, properly heat treated and guaranteed.

No. 308 assortment is exactly the same as No. 608 except that the quantities are three each of each size instead of six.

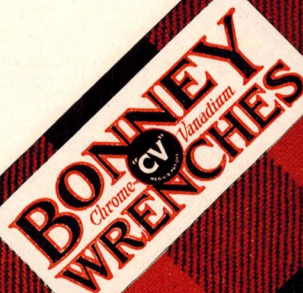
The Tappet Wrench numbers in these assortments are: 402, 402A, 403, 403A, 404, 405, 406, 407.

With each assortment a mahogany finished board with hooks, number plates, etc., is furnished free of charge. The board is of a convenient size, 25 $\frac{3}{4}$ inches long by 7 $\frac{1}{2}$ inches wide.

No. 608. Weight 15 lbs. Price.....\$78.00

No. 308. Weight 8 lbs. Price..... 39.00

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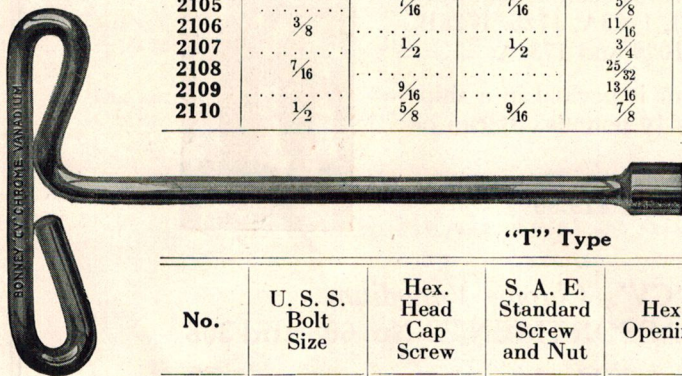


BONNEY FORGE & TOOL WORKS *Allentown, Pa.*

BONNEY 'CV' * Chrome Vanadium SOCKET WRENCHES

Bonney 'CV' * Socket Wrenches are forged from Chrome Vanadium Steel and are one piece construction. The sockets are so designed as to provide a reasonable depth and the outside diameter is held down as far as practical to permit of the greatest possible clearance in operation. The wrenches are of superior design and workmanship and are absolutely guaranteed.

"T" Type



No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Hex. Opening	Length	Handle Offset	Price Each
2101		1/4	1/4	7/16	8	2	\$1.00
2102	1/4	5/16	5/16	1/2	8	2	
2103		3/8	3/8	9/16	8	2	
2104	5/16			19/32	10	2	
2105		7/16	7/16	5/8	10	2	
2106	3/8			11/16	10	2	1.25
2107		1/2	1/2	3/4	10	2	
2108	7/16			25/32	10	2 1/4	
2109		9/16		13/16	10	2 1/4	
2110	1/2	5/8	9/16	7/8	10	2 1/4	

"T" Type

No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Hex. Opening	Extreme Length	Price Each
2201		1/4	1/4	7/16	12	\$1.25
2202	1/4	5/16	5/16	1/2	12	
2203		3/8	3/8	9/16	12	
2204	5/16			19/32	12	
2205		7/16	7/16	5/8	12	
2206	3/8			11/16	12	1.50
2207		1/2	1/2	3/4	12	
2208	7/16			25/32	12	
2209		9/16		13/16	12	
2210	1/2	5/8	9/16	7/8	12	

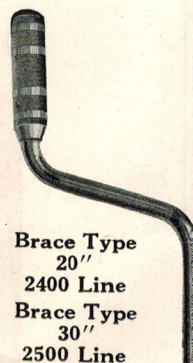
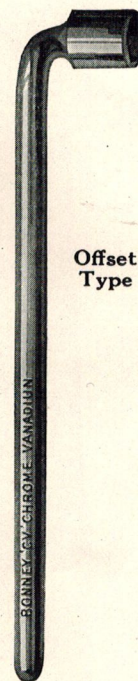
Brace Type 20" 2400 Line
" " 30" 2500 "

No.	U. S. S. Bolt Size	Hex. Head Cap Screw	S. A. E. Standard Screw and Nut	Hex. Opening	Ex- treme Length	Length of Shank	Price Each
2401		1/4	1/4	7/16	20	10	\$1.75
2402	1/4	5/16	5/16	1/2	20	10	
2403		3/8	3/8	9/16	20	10	
2404	5/16			19/32	20	10	
2405		7/16	7/16	5/8	20	10	
2406	3/8			11/16	20	10	2.00
2407		1/2	1/2	3/4	20	10	
2408	7/16			25/32	20	10	
2409		9/16		13/16	20	10	
2410	1/2	5/8	9/16	7/8	20	10	

Brace Type 30"

2503		3/8	3/8	9/16	30	20	\$2.25
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Offset
Type



Brace Type
20"
2400 Line
Brace Type
30"
2500 Line

Ball
Bearing
Handle

Patent
Applied
for

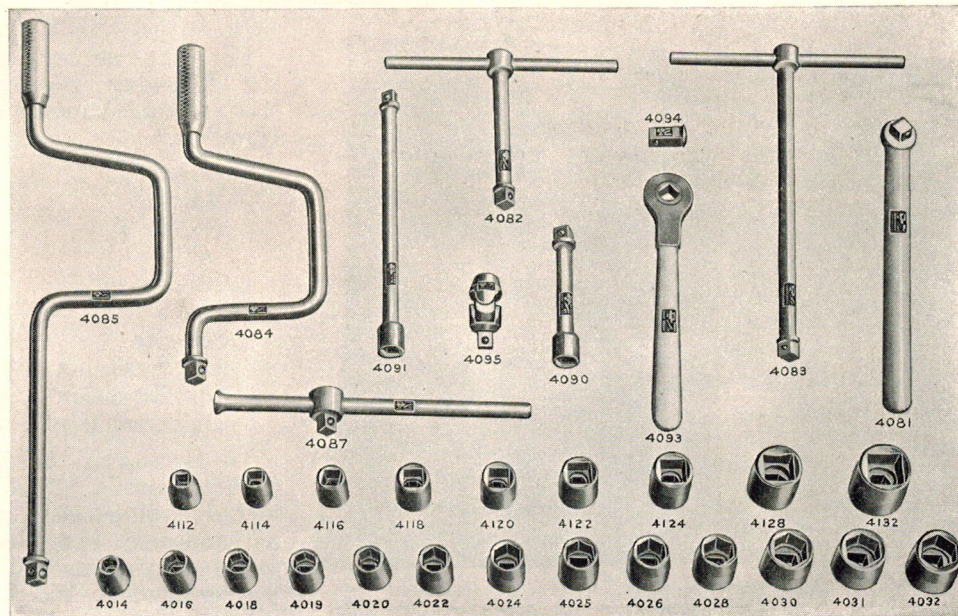


*C. V. is a
Bonney trade-
mark registered
in the U. S.
Patent Office.

Chrome Vanadium registered
August 11th,
1925.

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Chrome Vanadium



BONNEY 'CV' * *Chrome Vanadium* SOCKETS

Standard Series $\frac{1}{2}$ " Square Attachment End

HEXAGON

SQUARE

Socket Number	Socket Opening	Price	Socket Number	Socket Opening	Price
4014	$\frac{7}{16}$ "	\$0.50	4112	$\frac{3}{8}$ "	\$0.50
4016	$\frac{1}{2}$ "	.50	4114	$\frac{7}{16}$ "	.50
4018	$\frac{9}{16}$ "	.50	4116	$\frac{1}{2}$ "	.55
4019	$\frac{19}{32}$ "	.50	4118	$\frac{9}{16}$ "	.55
4020	$\frac{5}{8}$ "	.50	4120	$\frac{5}{8}$ "	.65
4022	$\frac{11}{16}$ "	.50	4122	$\frac{11}{16}$ "	.65
4024	$\frac{3}{4}$ "	.65	4124	$\frac{3}{4}$ "	.80
4025	$\frac{25}{32}$ "	.65	4128	$\frac{7}{8}$ "	.80
4026	$\frac{13}{16}$ "	.65	4132	1"	.95
4028	$\frac{7}{8}$ "	.65			
4030	$\frac{15}{16}$ "	.80			
4031	$\frac{31}{32}$ "	.80			
4032	1"	.80			

HANDLES AND ATTACHMENTS

All for Standard Series Sockets with $\frac{1}{2}$ " Square Attachment Ends

4081	Offset Handle.....	\$1.50	4090	Extension, 5 inches.....	\$0.75
4082	"T" Handle, 6 inches.....	1.35	4091	Extension, 10 inches.....	1.00
4083	"T" Handle, 12 inches.....	1.75	4093	Ratchet Handle with Lug.....	3.50
4084	Brace, 13 inches.....	1.50	4094	Extra Lug for Ratchet.....	.50
4085	Speeder, 20 inches.....	2.00	4095	Universal Joint.....	2.00
4087	Sliding "T" Handle.....	1.50			

Bonney 'CV' * Sockets, Handles and Attachments are forged from 'CV' * Chrome Vanadium Steel, not turned from the bar. Heat treated, tested and guaranteed fully. Made to fit handles and attachments with $\frac{1}{2}$ " square end.

GUARANTEE: We will replace, free of charge, any unsatisfactory Bonney Wrench.

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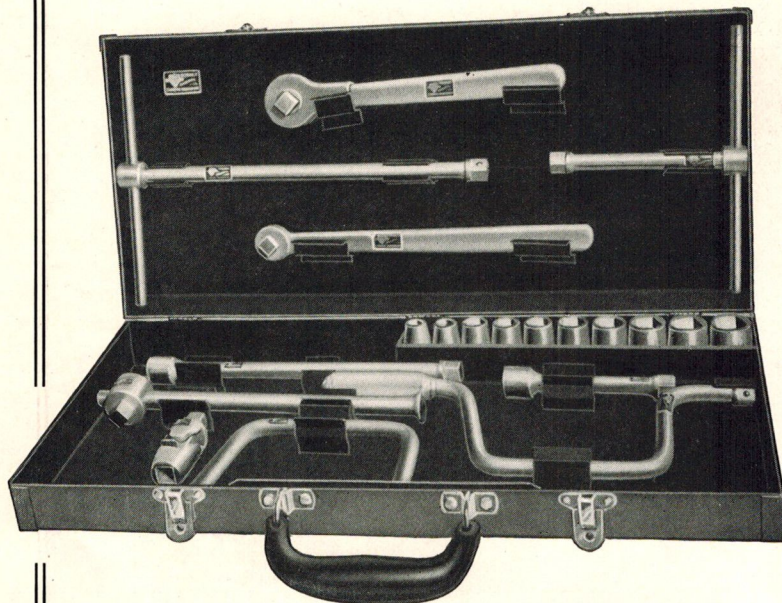
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WRENCHES



BONNEY FORGE & TOOL WORKS *Allentown, Pa.*

BONNEY 'CV' * *Chrome Vanadium* SOCKET SET No. R



Contains one each of the following Bonney 'CV' * Chrome Vanadium Handles:

Offset
Ratchet
Sliding T
6" T
12" T
Brace
Speeder
5" Extension
10" Extension
Universal Joint

10 Hexagon 'CV' * Sockets from $\frac{7}{16}$ " to $\frac{7}{8}$ " inclusive, all enclosed in a handsome enameled metal carrying case with leather handles. Weight per set, 17 lbs.

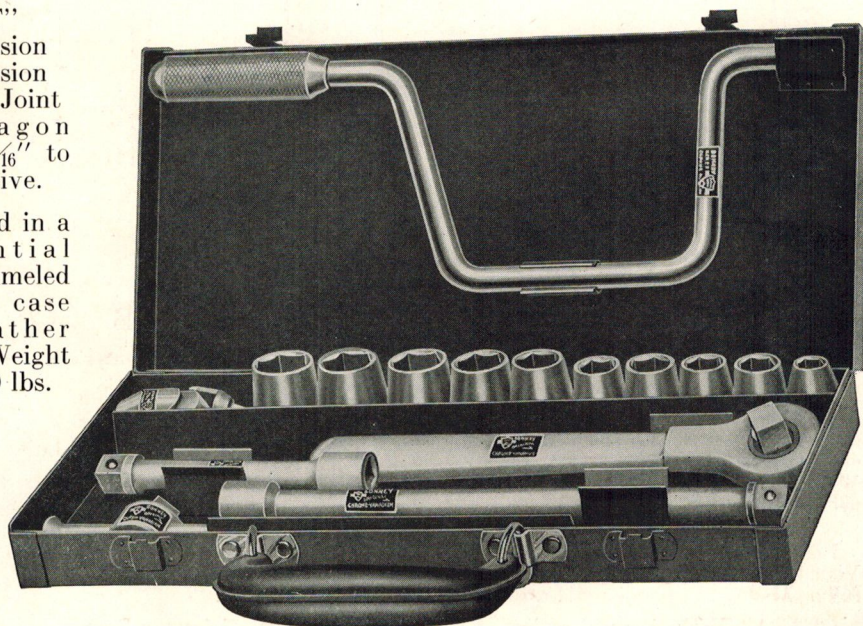
Price Each Set No. R. \$27.50

BONNEY 'CV' * *Chrome Vanadium* SOCKET SET No. W

Contains one each of the following Sockets, Handles, and Attachments:

Brace
Ratchet
Sliding "T"
5" Extension
10" Extension
Universal Joint
10 Hexagon Sockets, $\frac{7}{16}$ " to $\frac{7}{8}$ " inclusive.

Enclosed in a substantial black enameled carrying case with leather handle. Weight per set, 10 lbs.



Price Each Set No. W. \$19.00

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